

Title: METHODS FOR DIAGNOSIS OF CANCER
USING erbB-3

Inventors: Kraus *et al.*

Attorney Docket No. 14014.0306U2

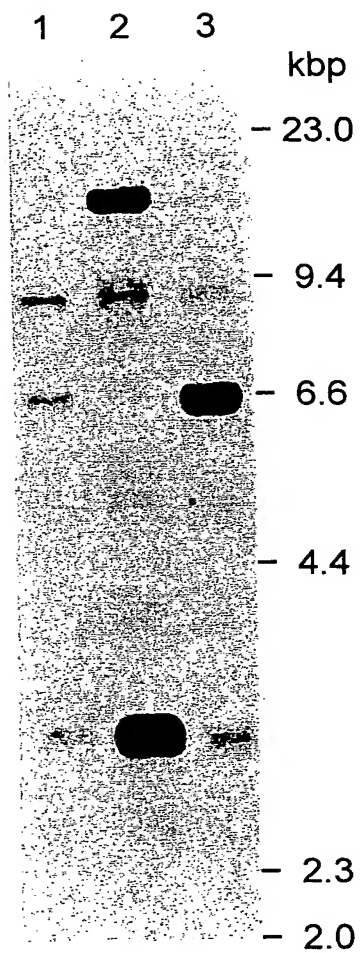


FIG. 1A

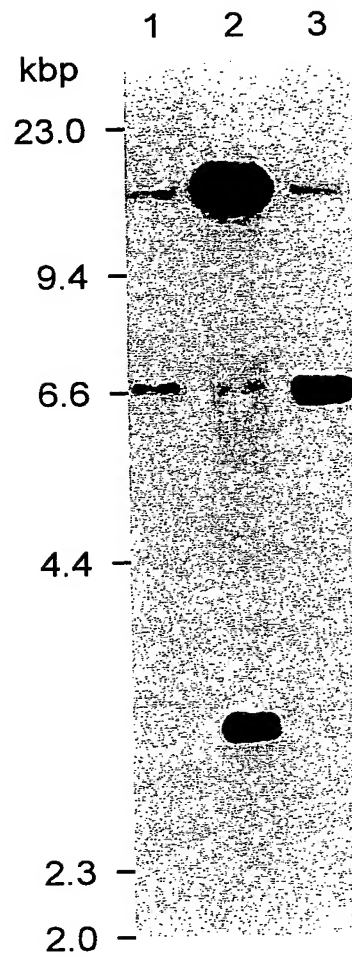


FIG. 1B

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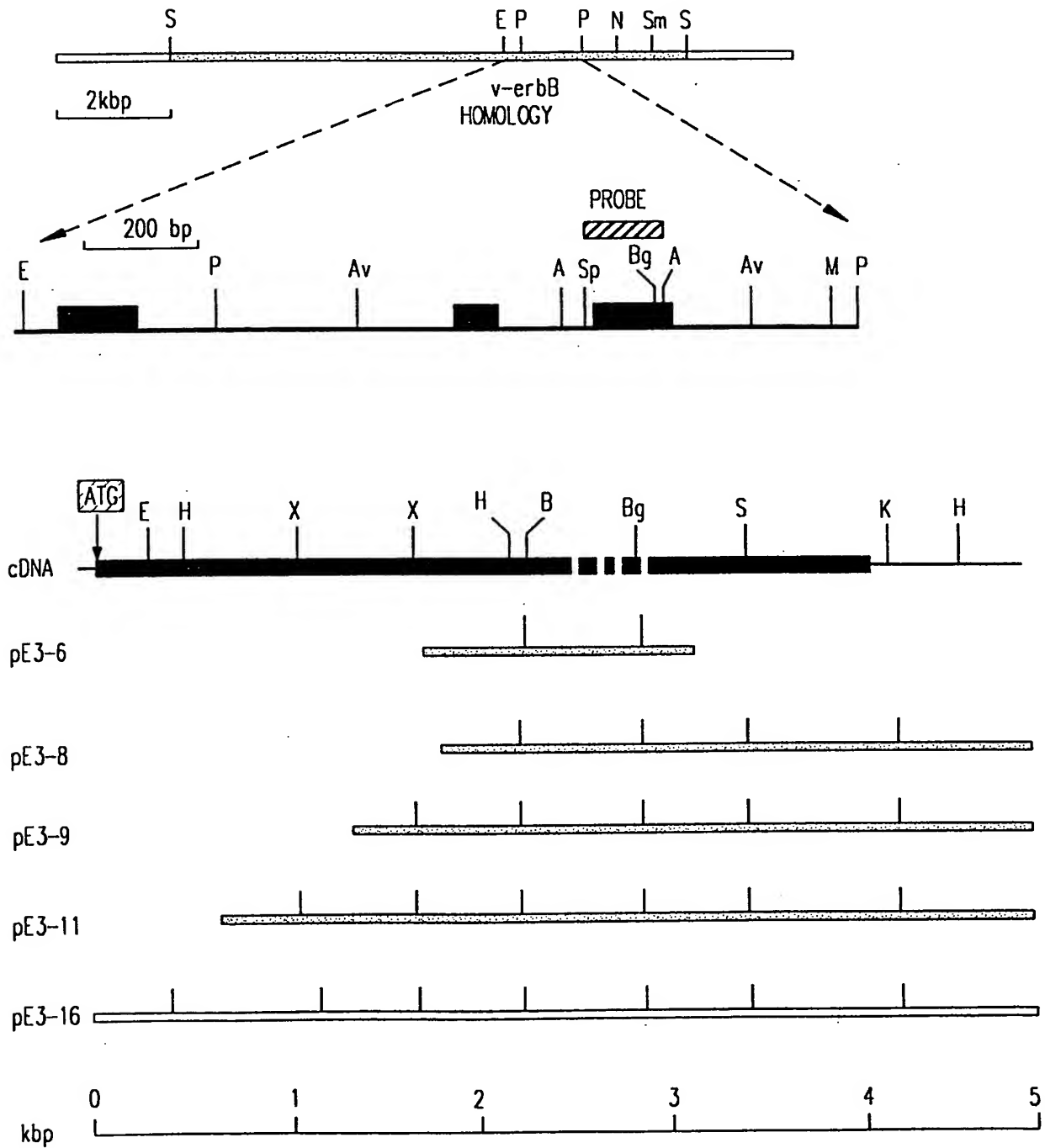


FIG.2

Title: METHODS FOR DIAGNOSIS OF CANCER
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(SEQ ID NO:1)

GAATTCCAGA TCTCAGTGAC TGATTCCCC AACCTTAAGA ATACTTTCTT CCCCTATACC	60
TACAG GGA ATG TAC TAC CTT GAG GAA CAT GGT ATG GTG CAT AGA AAC Gly Met Tyr Tyr Leu Glu Glu His Gly Met Val His Arg Asn	107
CTG GCT GCC CGA AAC GTG CTA CTC AAG TCA CCC AGT CAG GTT CAG GTG Leu Ala Ala Arg Asn Val Leu Leu Lys Ser Pro Ser Gln Val Gln Val	155
GCA GAT TTT GGT GTG GCT GAC CTG CTG CCT CCT GAT GAT AAG CAG CTG Ala Asp Phe Gly Val Ala Asp Leu Leu Pro Pro Asp Asp Lys Gln Leu	203
CTA TAC AGT GAG GCC AAG <u>GTG</u> AGGAGAC ACAAAGGGTA AGGAGGCGGG Leu Tyr Ser Glu Ala Lys	251
GGTGGAGTGA AGCATGGGGA TAGGGAGCAG CCAGTGGTCT CTTCCAGAGG CAAGCAGATG	311
CTTCATGGTA AGTTCAAGGA GAGAAGGCTG CAGATGCCAG ATATTTTAGT TCAGAGGGCA	371
ACAAAGAAAA TAATGATCAA GAACTTGGA CTGGCCGGGC GCGGTGGCTC ACGCCTGTAA	431
TCCCAACACT TCGGGAGGCC AAGGCGGGTG GATCACAAGG TCAGGAGATC AAGACCATCC	491
TGGCTAGCAC GGTGAAACCC CGTCTCTACT AAATATACAA AAAAAAAAAA ATTAGCCAGG	551
CGTGGCGGCA TGCATCTGTA CTCCAGCTA CTCGGGAGGC TGAGGCAGGA GAATGGCGTG	611
AACCCAGGAG GCGGAGCTTG CAGTGGGCCG AGATCGCACC ACTGCACTCC AGTCTGGGCG	671
ACAGAGCGAG ACTCCGTCTC AAAAAAAAAA AAAAAAGAAT TTGGGACTTG GAAATCCTAA	731
GAAATTTGT GGAAATAAAC TTGTGATACC TCTATCTTTA ATCCGCAG ACT CCA ATT Thr Pro Ile	788
AAG TGG ATG GCC CTT GAG AGT ATC CAC TTT GGG AAA TAC ACA CAC CAG Lys Trp Met Ala Leu Glu Ser Ile His Phe Gly Lys Tyr Thr His Gln	836
AGT GAT GTC TGG AGC TAT G <u>GTC</u> AGTGCAT CTGGATGCCC TCTCTACCAT Ser Asp Val Trp Ser Tyr	885
CACTGGCCCC AGTTTCAAAT TTACCTTTTG AGAGCCCCCT CTTAGAATCT CTAAGCACTT	945
CAGATTTTGT TGTTAGATCA GGTCTGCCT TCCCTTCACT TCATGCCCAT GTCTACTATT	1005
TTGCCAGTGA CTAGTCCATG TCTTCCTGCA ACAG GT GTG ACA GTT TGG GAG Gly Val Thr Val Trp Glu	1056
TTG ATG ACC TTC GGG GCA GAG CCC TAT GCA GGG CTA CGA TTG GCT GAA Leu Met Thr Phe Gly Ala Glu Pro Tyr Ala Gly Leu Arg Leu Ala Glu	1104
GTA CCA GAC CTG CTA GAG AAG GGG GAG CGG TTG GCA CAG CCC CAG ATC Val Pro Asp Leu Leu Glu Lys Gly Glu Arg Leu Ala Gln Pro Gln Ile	1152
TGC ACA ATT GAT GTC TAC ATG GTG ATG GTC AAG <u>TGT</u> GAGTTAC CTGCTGAGCC Cys Thr Ile Asp Val Tyr Met Val Met Val Lys	1205
CAACCATTTT CTCTTTTTTT CTTTTTTTTT CTTTTTTTTT TTTTTTTGAG ACAGAGTCTC	1265
ACAATTGTCA CCCAGGCTGG AGTGCAATGG TGCAATCAAT CTTGGCTCAC TACAACCTCC	1325
GCCTCTCGGG TTCAAGAGAT TCTCCTGCTT CAGCTCCGGA GTAGCTGGGA TTACAGCGCC	1385
CGCCACACCT GGATAACTGT TACACTTTTA GTAGAGATGG GGTTTCACCA TGTTGGCCAG	1445
GCTGGTCTCA AACTCCTGAC CTCAGGTGAT CCGCCTGCCT CAGCTTCCCA AAGTGCTGGG	1505
ATTACAGGTG TGAGCCATCA TGCTCGCCTG ACTGCAG	1542

FIG.3

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MRANDALQVL GLLFSLARGS EVGNSQAVCP GTLNGLSVTG DAENQYQTLY KLYERCEVVM GNLEIVLTGH 70

NADLSFLQWI REVTTYVLVA MNEFSTLPLP NLRVVRGTQV YDGKFAIFVM LNYNTNSSHA LRQLRLTQLT 140

EILSGGVYIE KNDKLCHMDT IDWRDIVRDR DAEIVVKDNG RSCPPCHEVC KGRCWGPGE DCQTLTKTIC 210

APQCNGHCFCG PNPNCCHDE CAGGCSGPQD TDCFACRHFN DSGACVPRCP QPLVYNKLTQ QLEPNPHTKY 280

QYGGVCVASC PHNFVVDQTS CVRACPPDKM EVDKNGLKMC EPCGGLCPKA CEGTGSGSRF QTVDSNIDG 350

FVNCTKILGN LDFLITGLNG DPWHKIPALD PEKLNVRTV REITGYLNIQ SWPPHMHNFV VFSNLTTIGG 420

RSLYNRGFSL LIMKNLNVTS LGFRSLKEIS AGRIYISANR QLCYHSLNW TKVLRGPTEE RLDIKHNRPR 490

RDCVAEGKVC DPLCSSGGCW GPGPGQCLSC RNYSRGGVCV THCNFLNGEP REFAHEAECF SCHPECQPM 560

GTATCNGSGS DTCAQCAHFR DGPFCVSSCP HGVLGAKGPI YKYPDVQNEC RPHENCTQG CKGPQLQDCL 630

QQTLVLIGKT HLT MALTIVA GLVVFIMLG GTFL YWRGR IQNKRMRRY LERGSEIPL DPSEKANKVL 700

ARIFKETELR KLKVLGSGVF QTVHKGWIP EGESIPVC IKVIEDKSGR QSFQAVTDHM LAIGSLDAH 770

IVRLGLCPG SSLQLVTQYL PLGSLDHVR QHRGALGPQL LLNMGVQIAK GMYLEEFGM VHRNLAARNV 840

LLKSPSQVQV ADFGVADLLP PDDKQLLYSE AKTPIKWMAL ESIHFGKYTH QSDVWSYGVV VWELMTFGAE 910

PYAGRLRAEV PDLEKGERL AQPQICTIDV YMMVKCMMI DENIRPTFKE LANEFTRMAR DPPRYLVIKR 980

ESGPGIAPGP EPHGLTNKKL EEVELEPELD LDLDLEAED NLATTTLGSA LSLPVGTLNR PRGSQSLLSP 1050

SSGYMPMNQG NLGESQESA VSGSSERCPR PVSLHPMPRG CLASESSEGH VTGSEAELE KVSMDRSR 1120

SRSRPRGDS AYHSQRHSLT TPVTPLSPPG LEEEDVNGYV MPDTHLKGTP SSREGTLSSV GLSSVLGTEE 1190

* *
EDEDEEYEM NRRRRHSPPH PPRPSSLEEL GYEYMDVGS LSASLGSTQS CPLHPVPIMP TAGTTPDEDY 1260

*
EYMNQRDGG GPGGDYAAMG ACPASEQGYE EMRAFQGPCH QAPHVHYARL KTLRSLEATD SAFDNPDYWH 1330

SRLFPKANAQ RT 1342

FIG.4A

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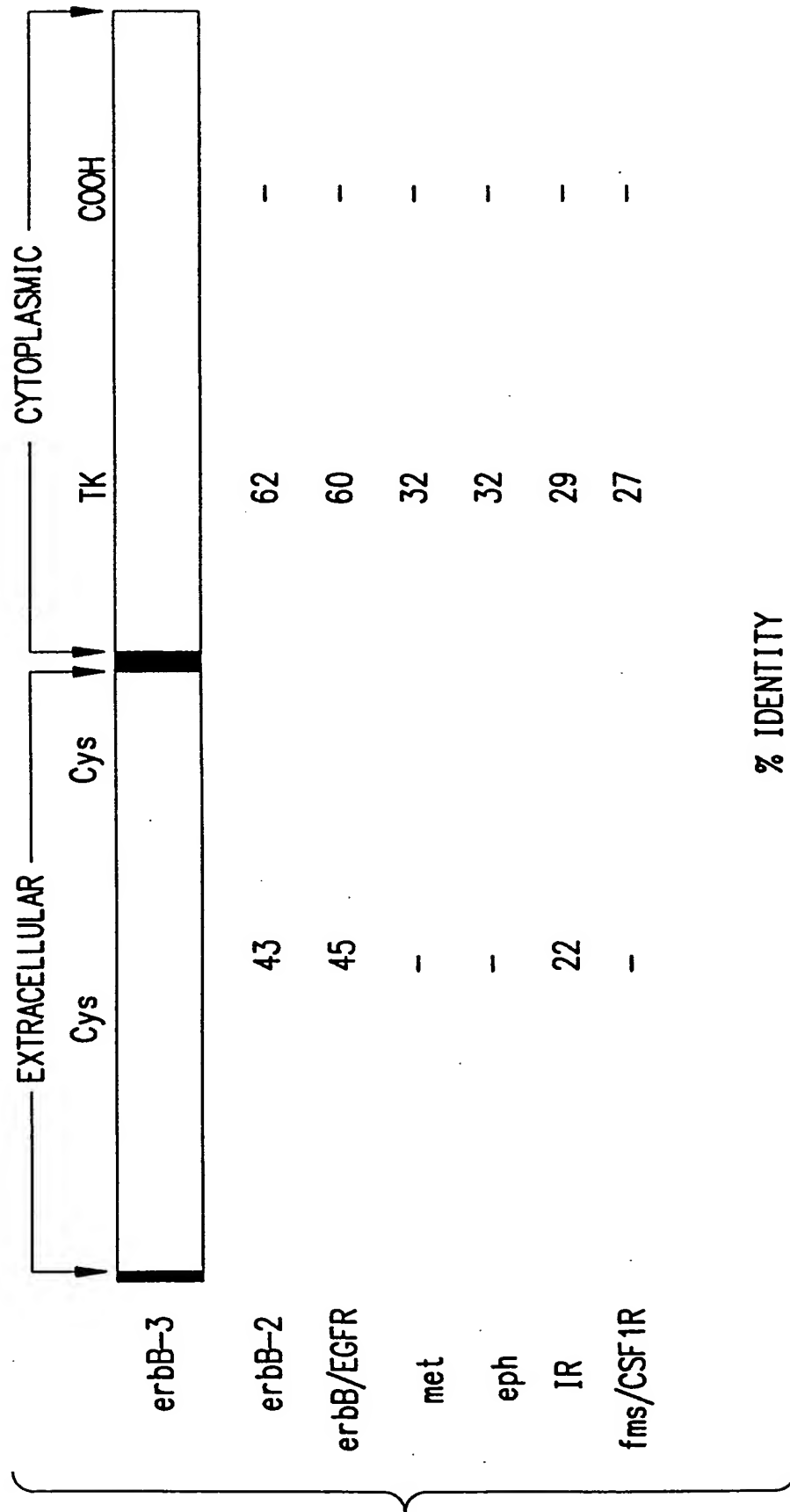


FIG.4B

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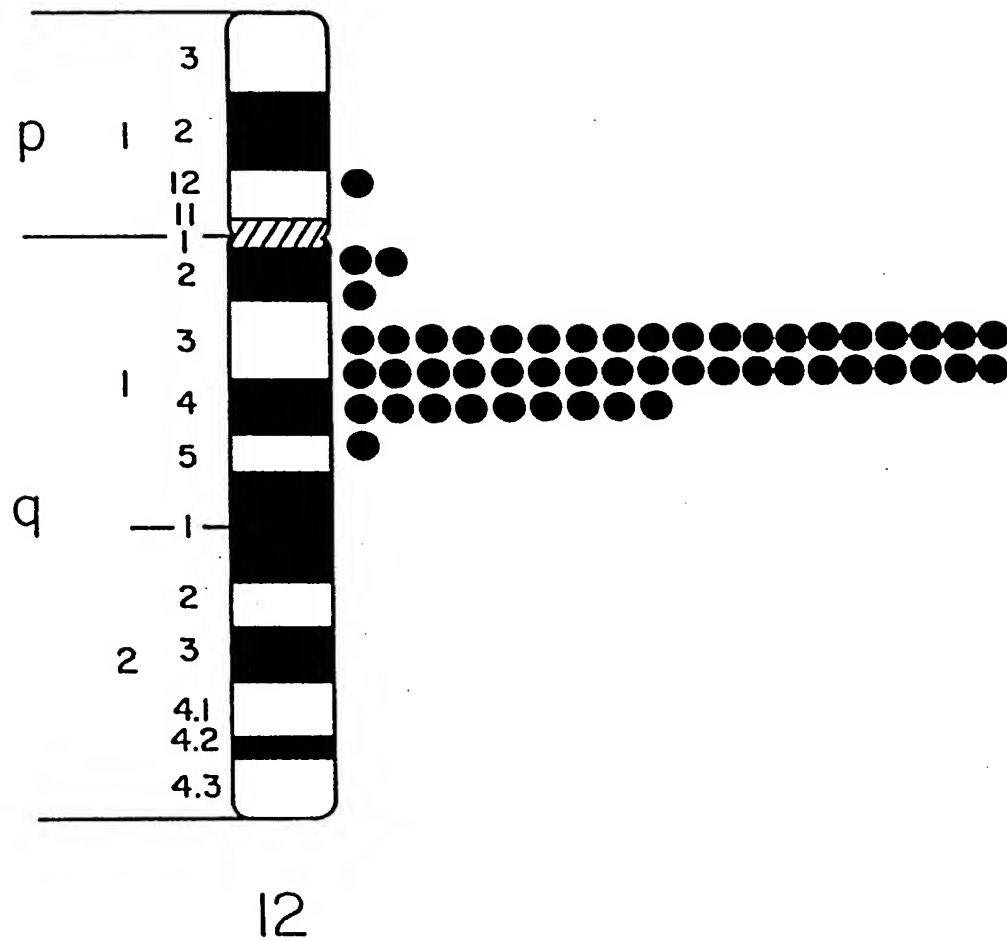


FIG. 5

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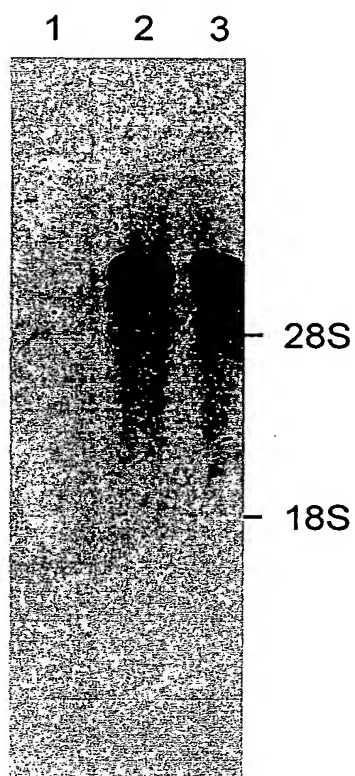


FIG.6A

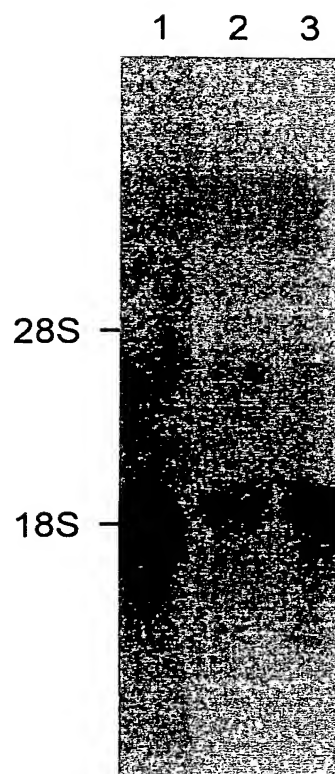


FIG.6B

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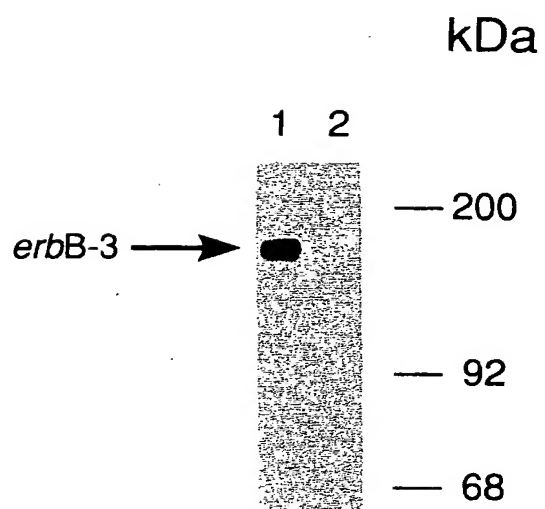


FIG. 7A

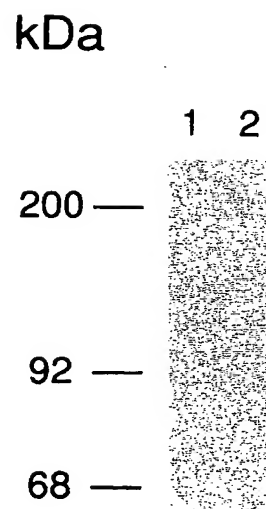


FIG. 7B

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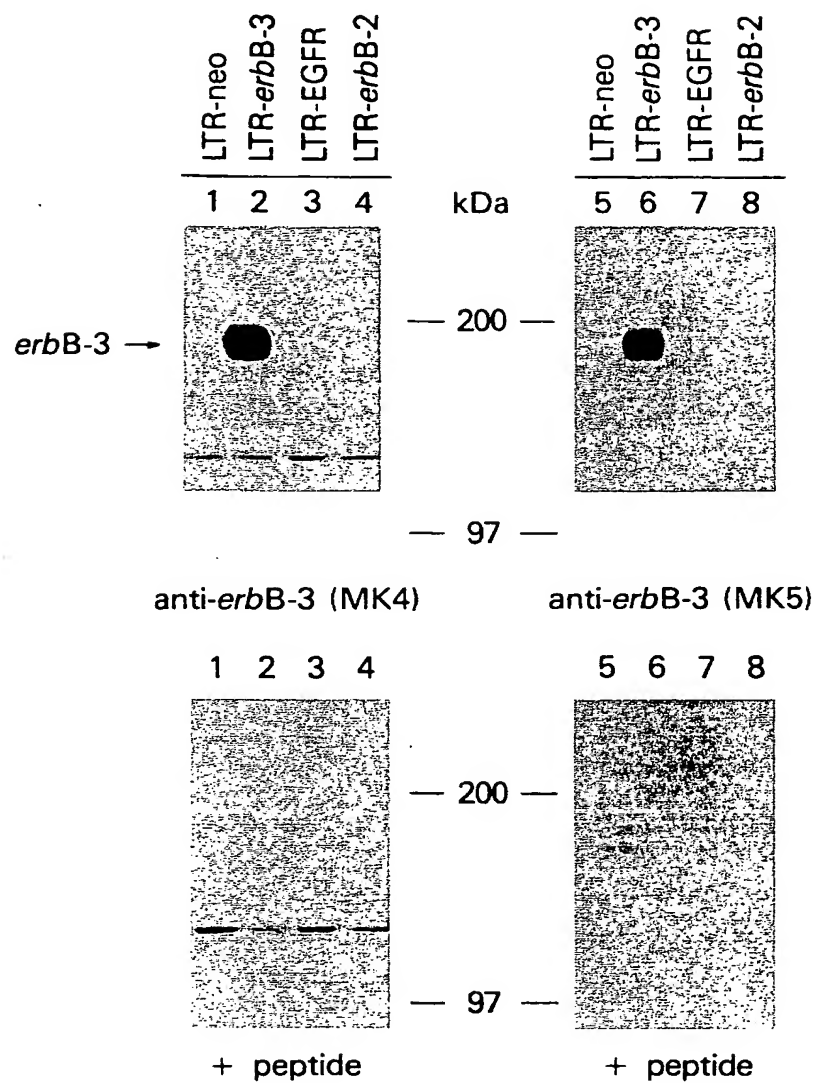


FIG.8A

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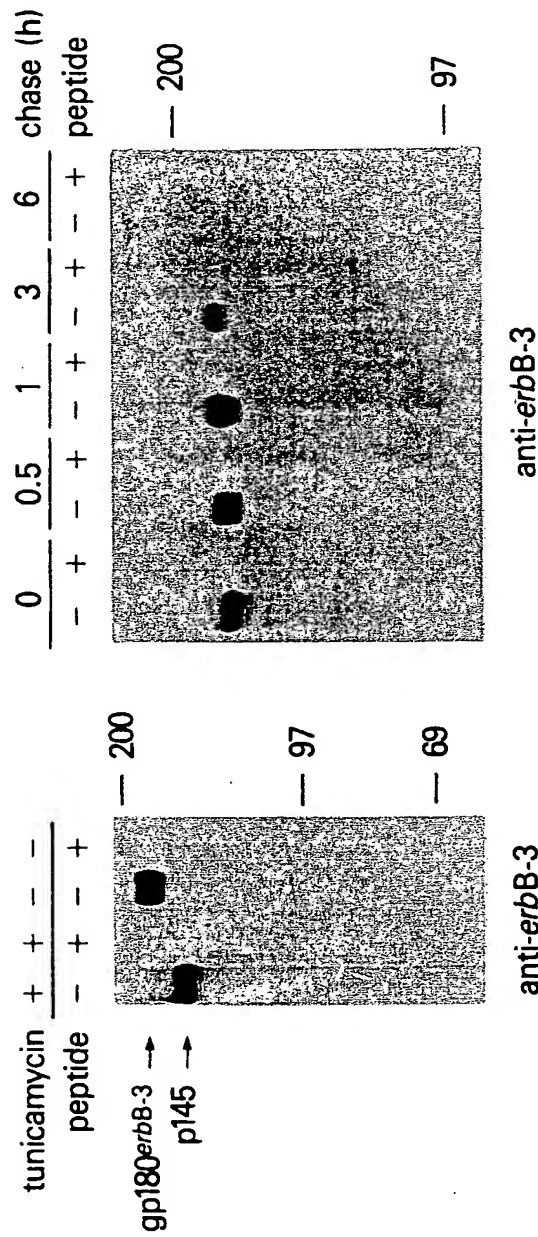


FIG.8B

FIG.8C

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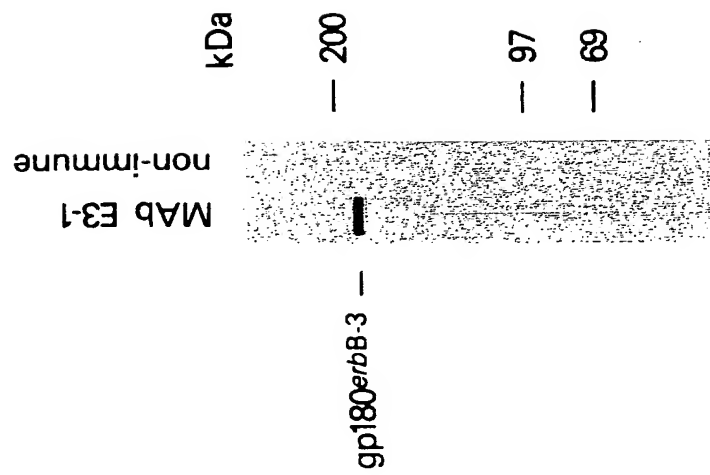


FIG. 9A



FIG. 9B

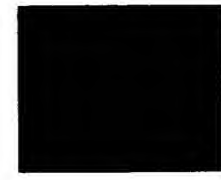


FIG. 9D



FIG. 9C

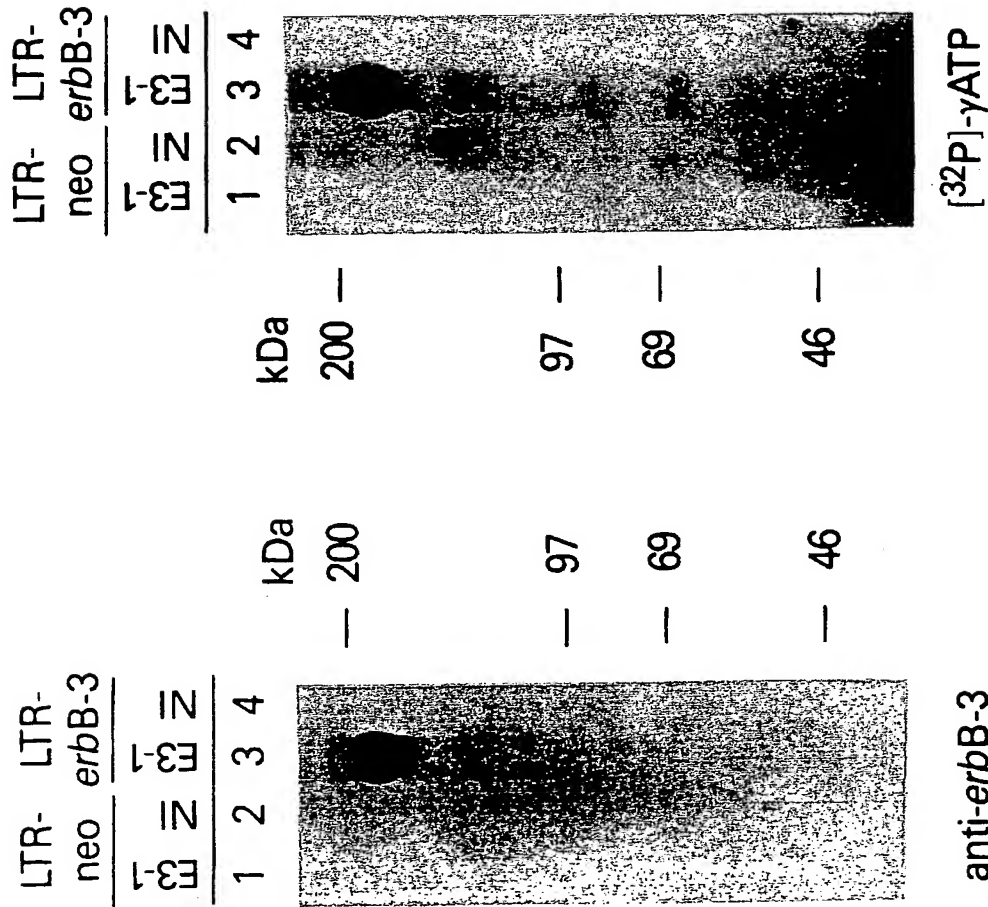


FIG. 10A

FIG. 10B

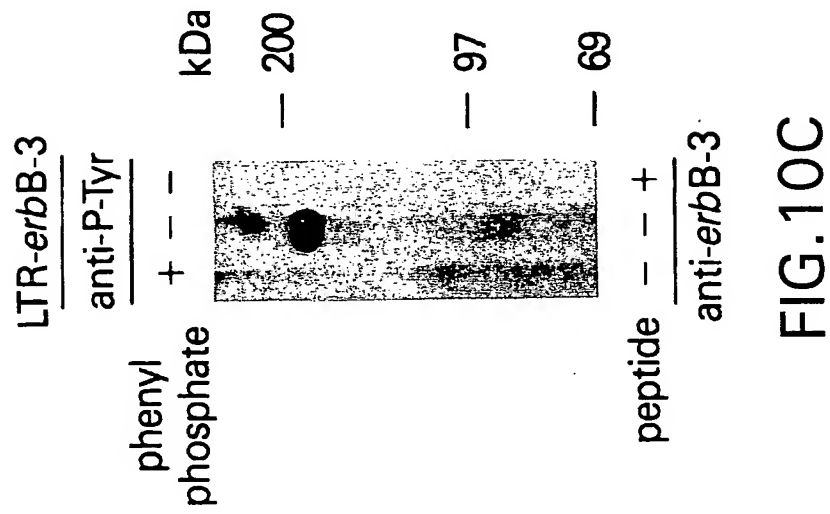


FIG. 10C

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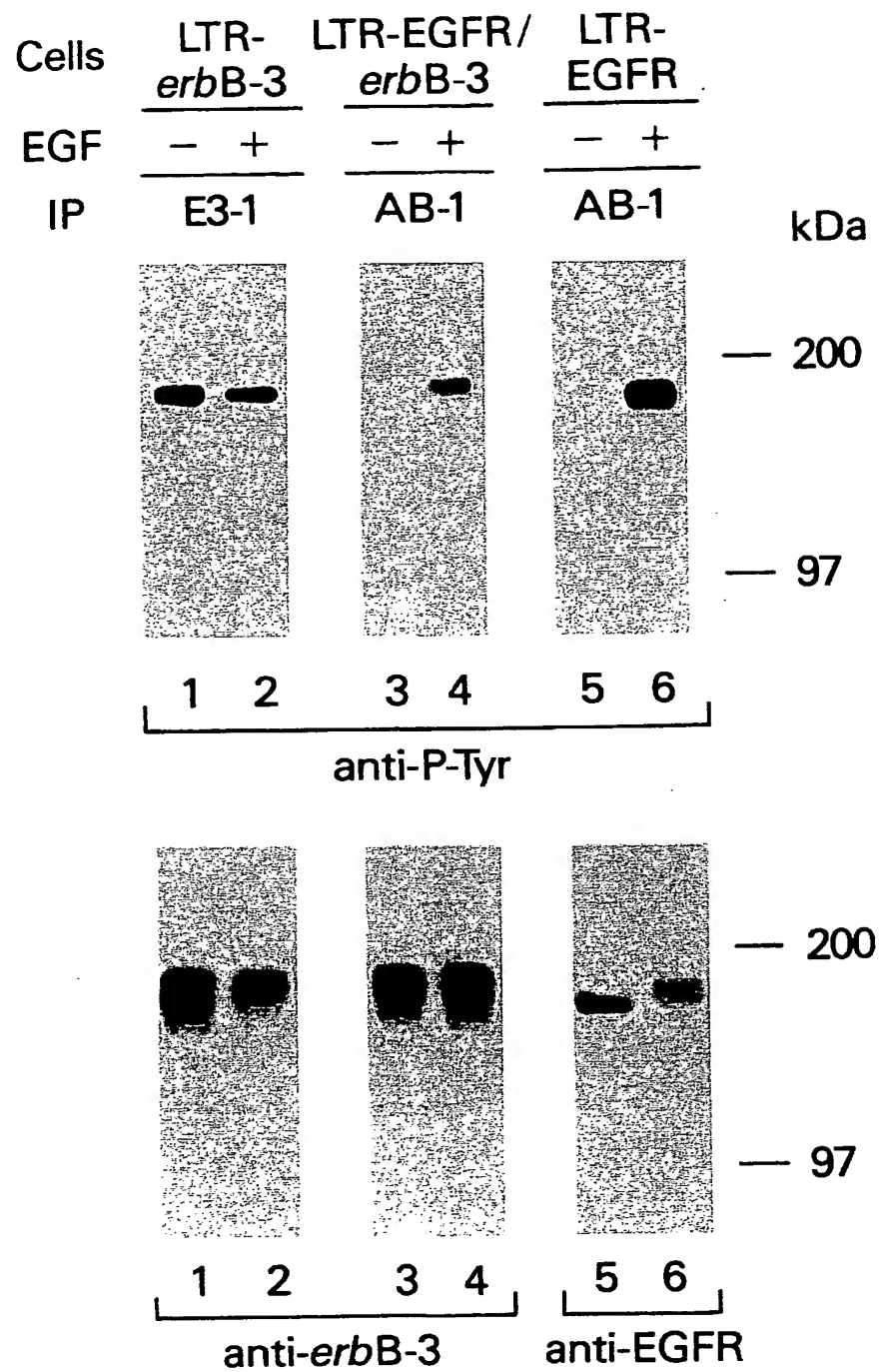


FIG. 11

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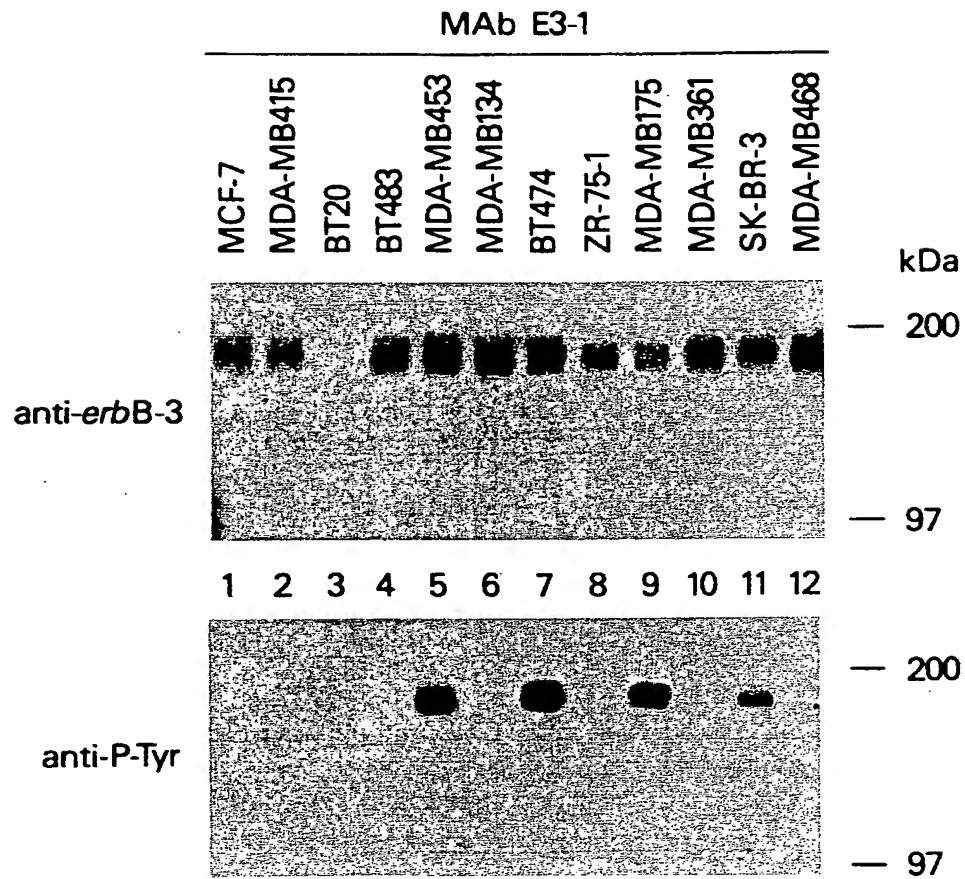


FIG.12